

Fig.1

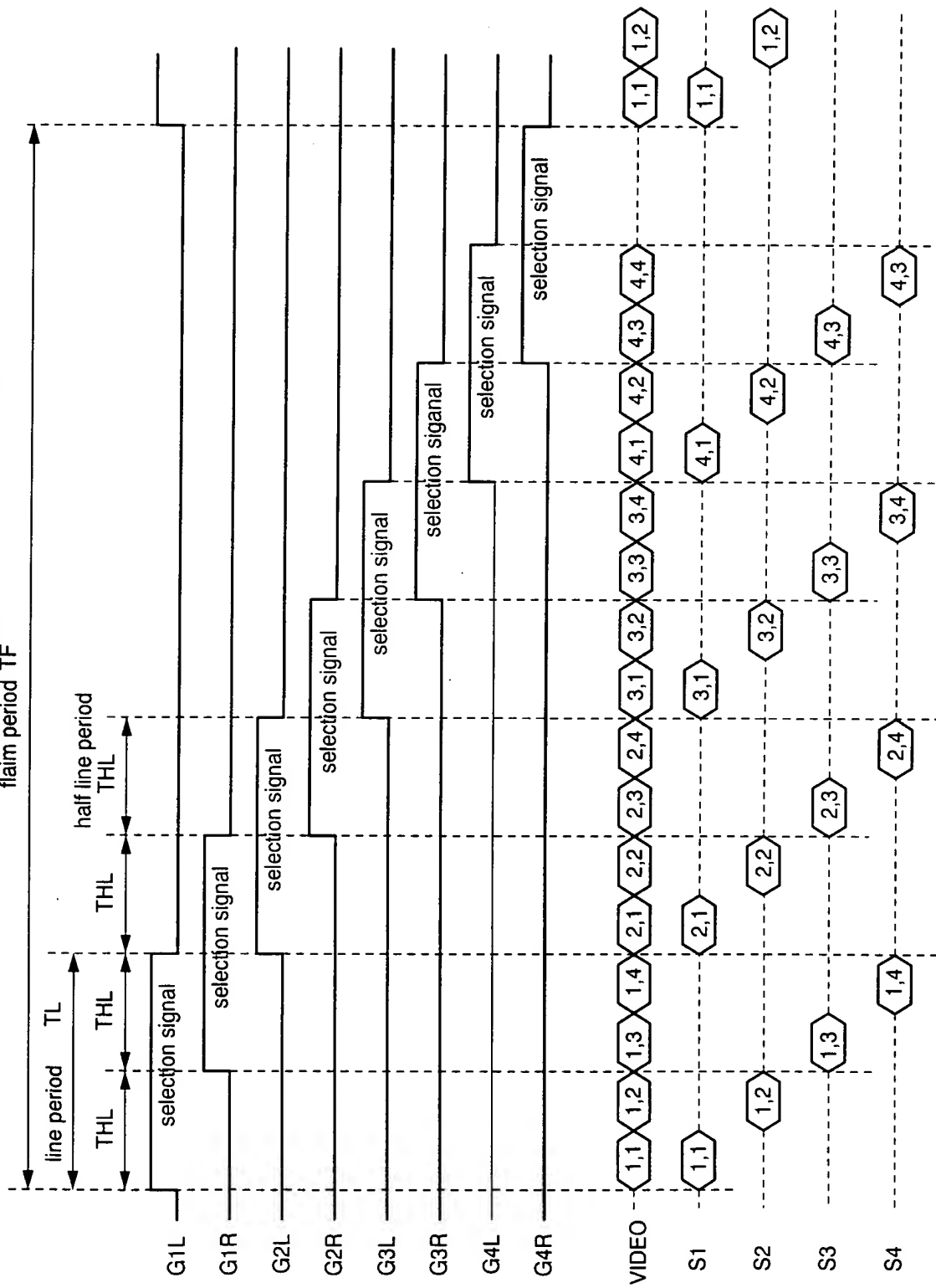


Fig.2

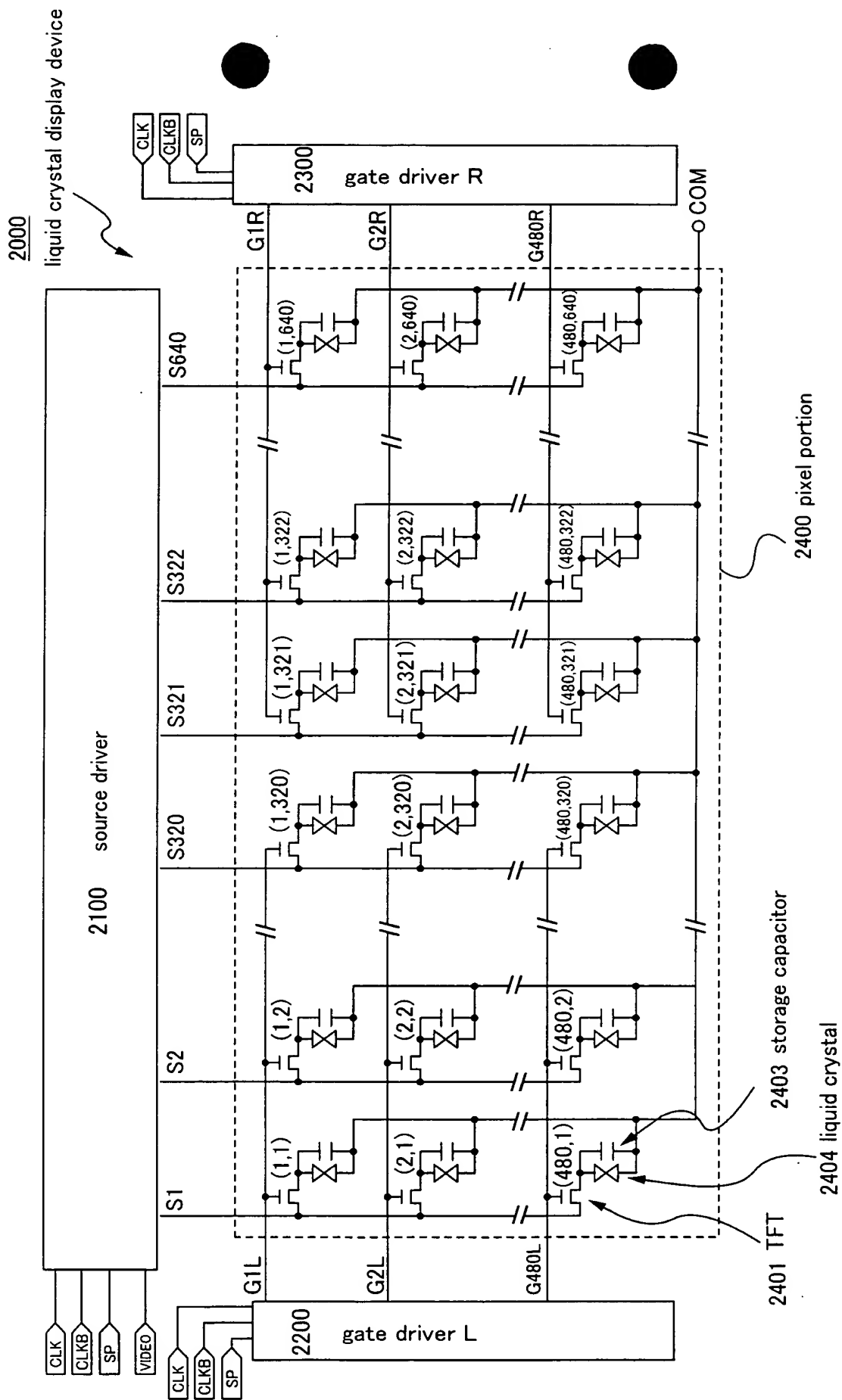


Fig.3

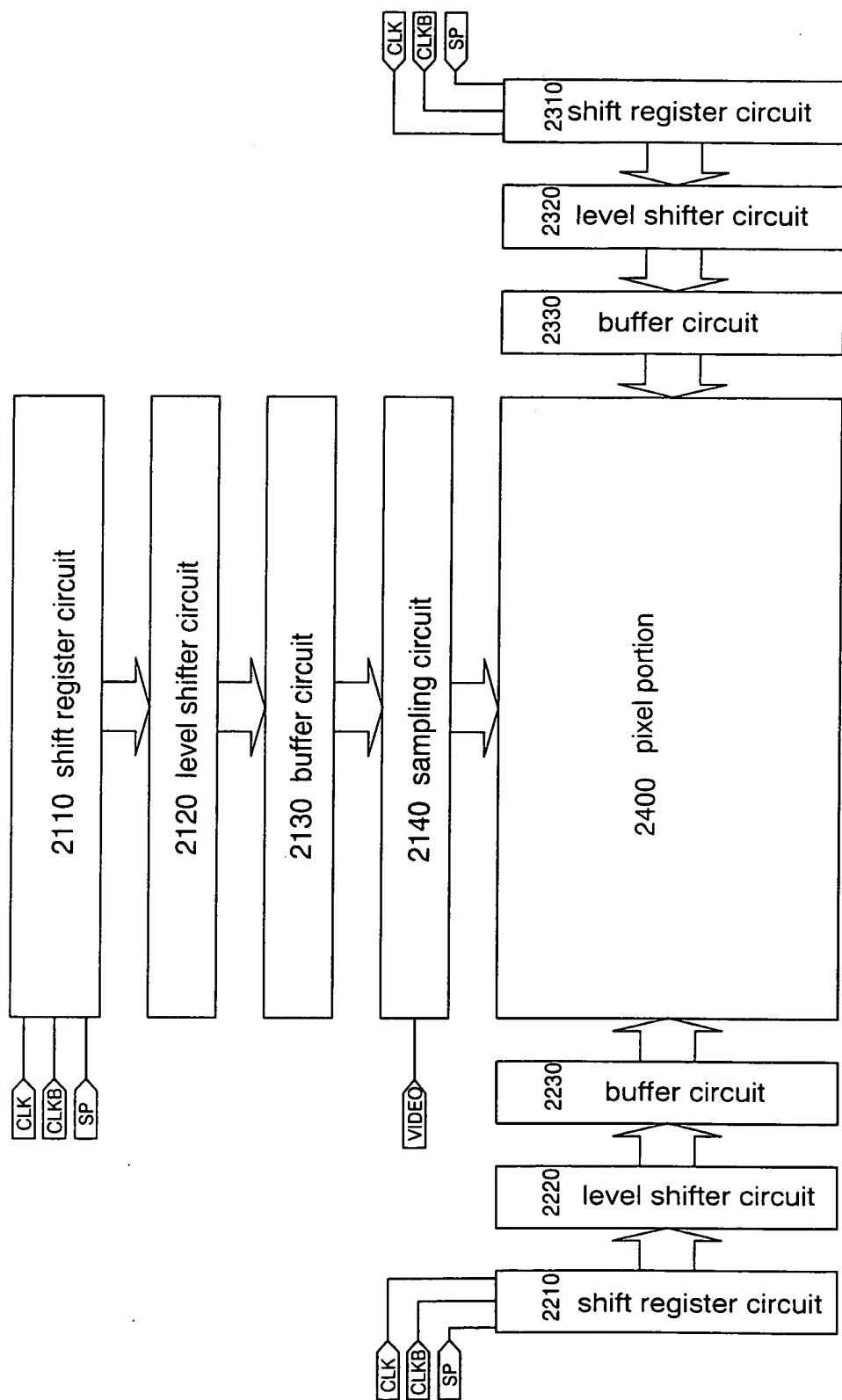


Fig.4

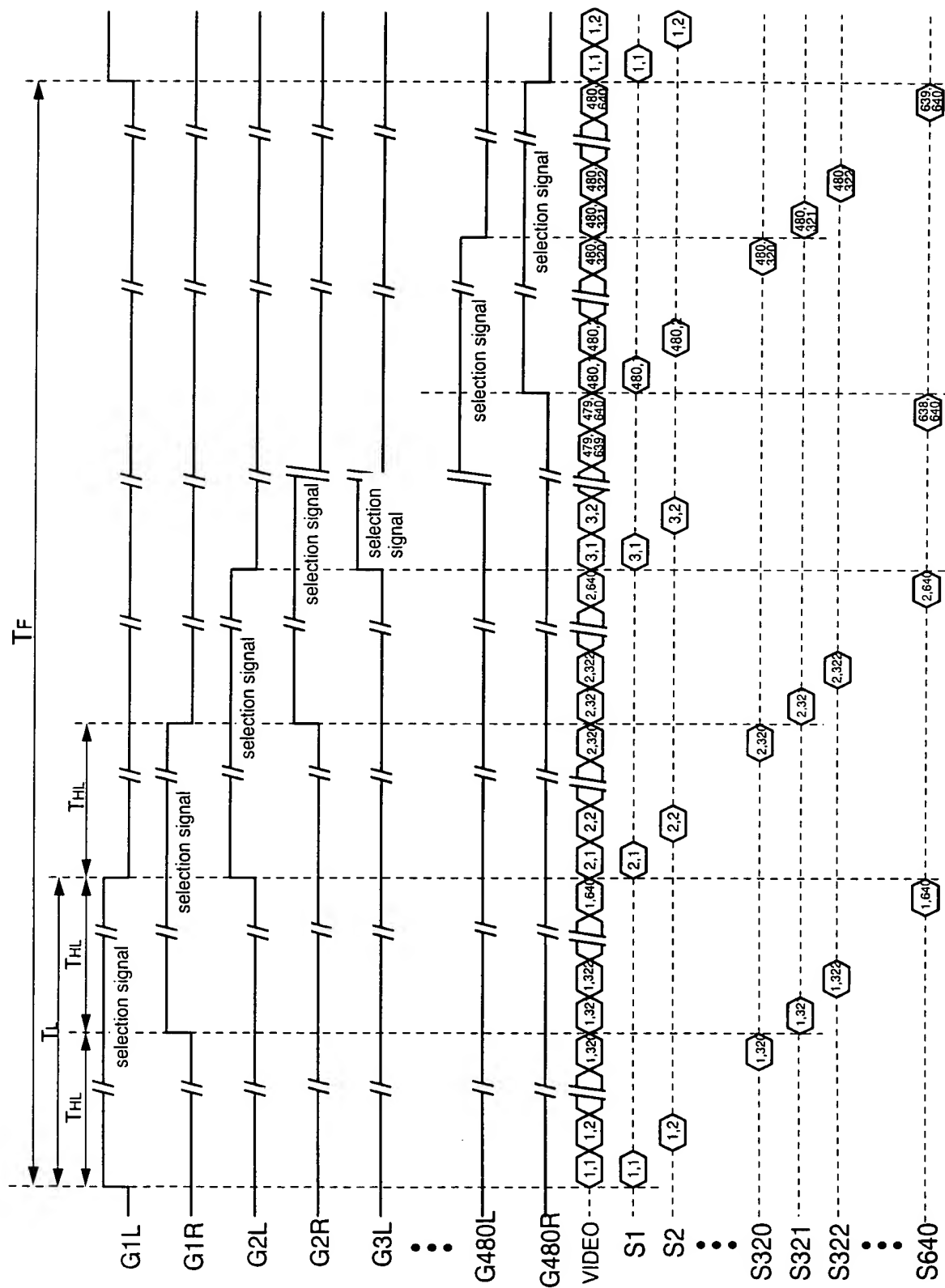


Fig. 5

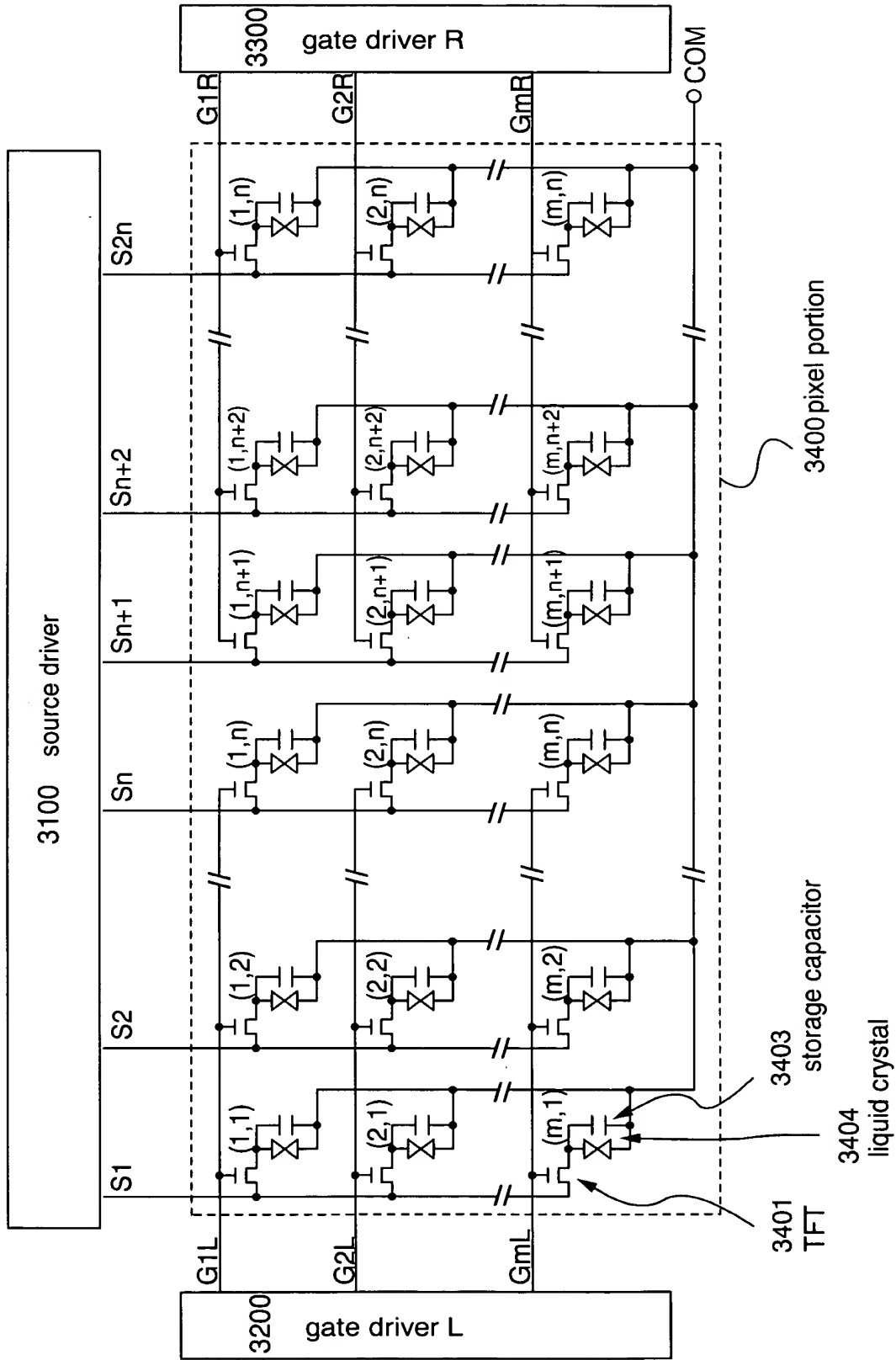


Fig.6

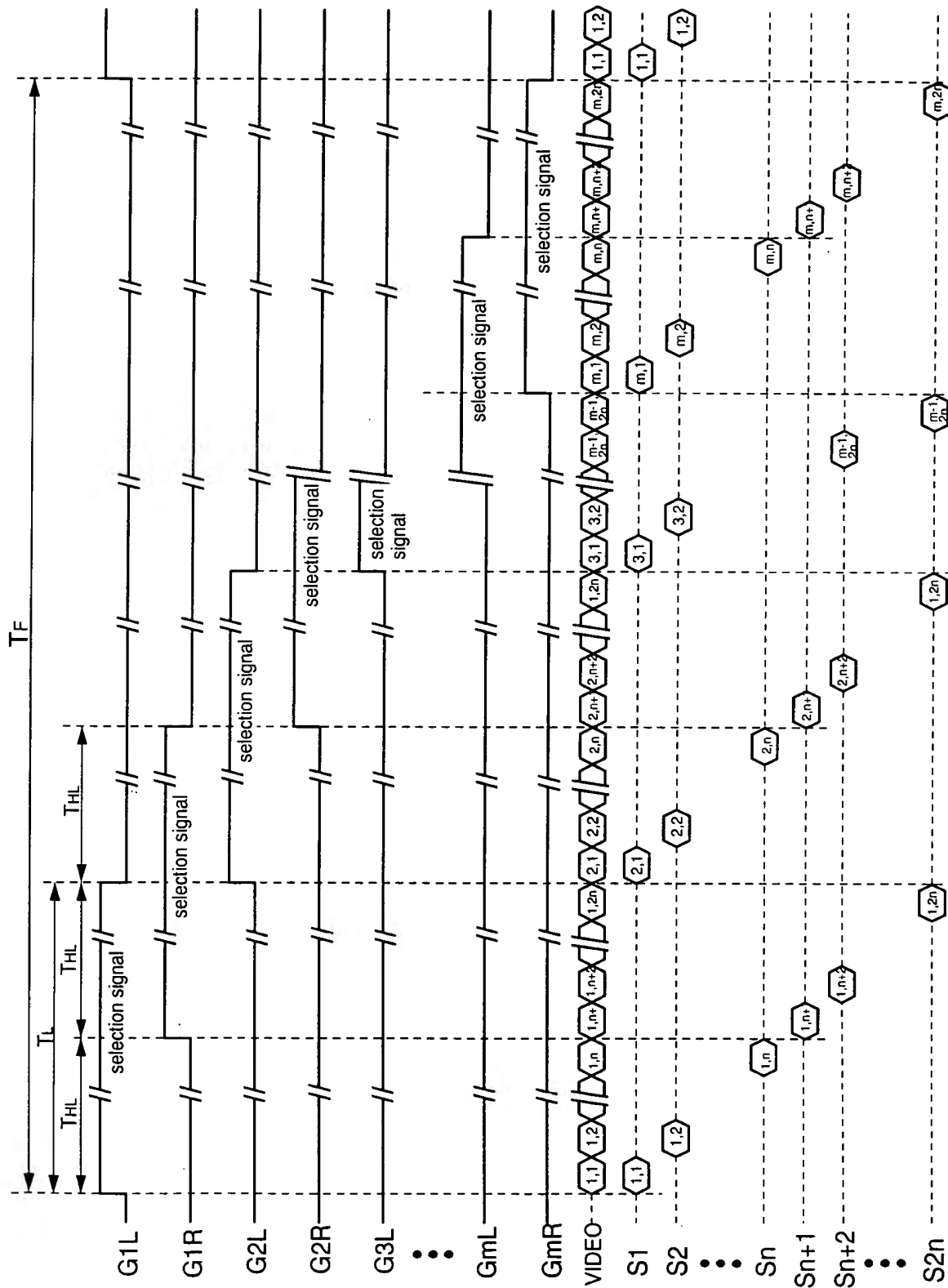


Fig.7

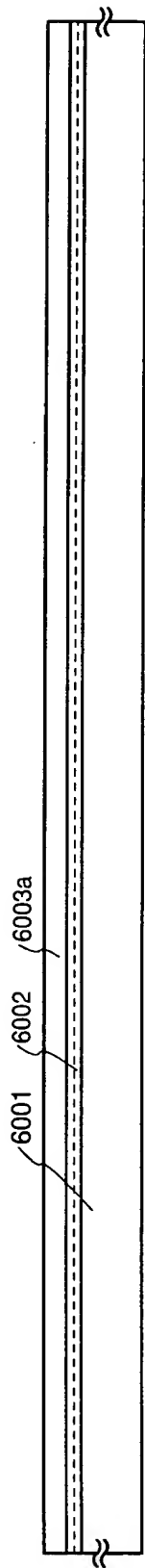


Fig. 8A

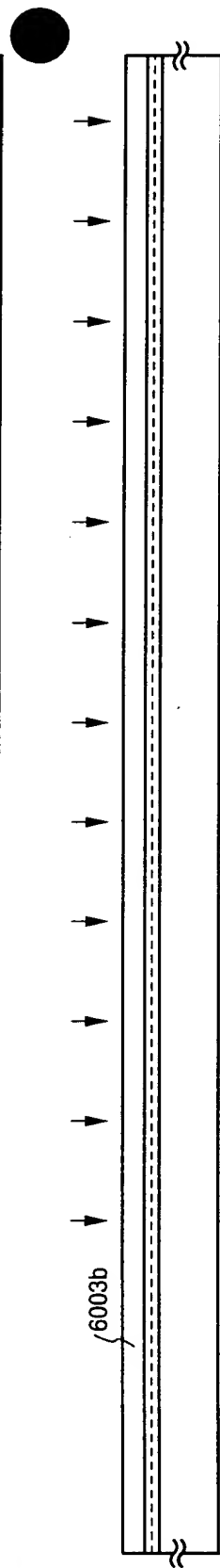


Fig. 8B

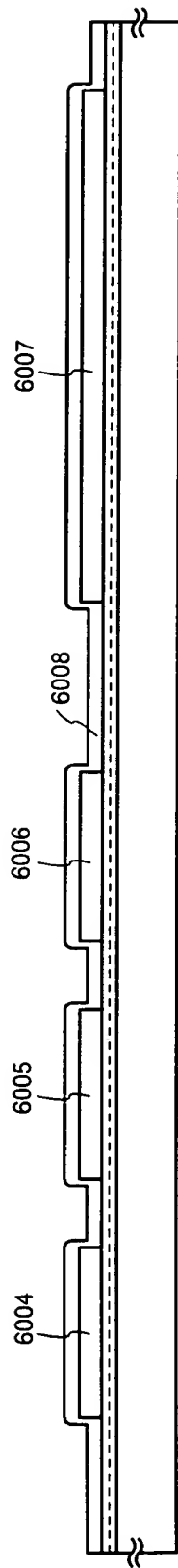


Fig. 8C

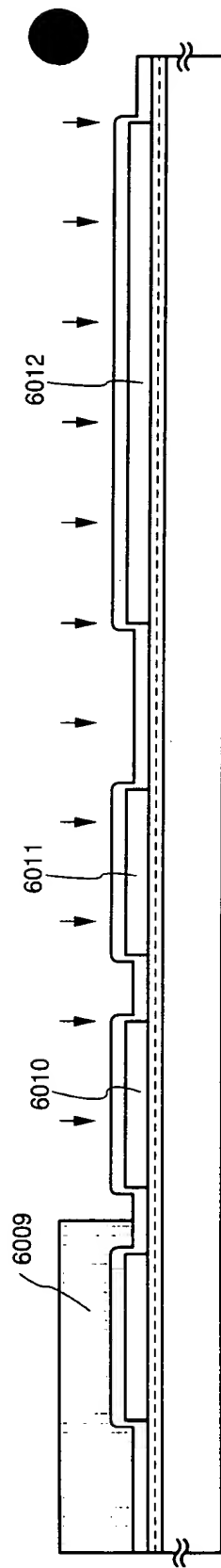


Fig. 8D



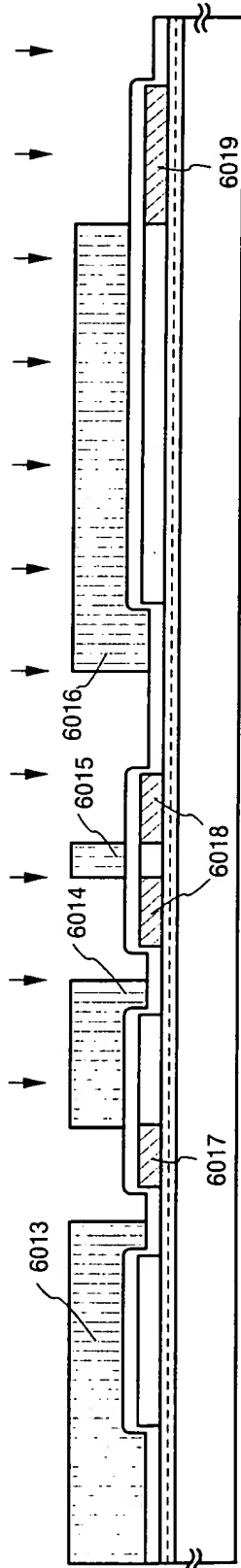


Fig. 9A

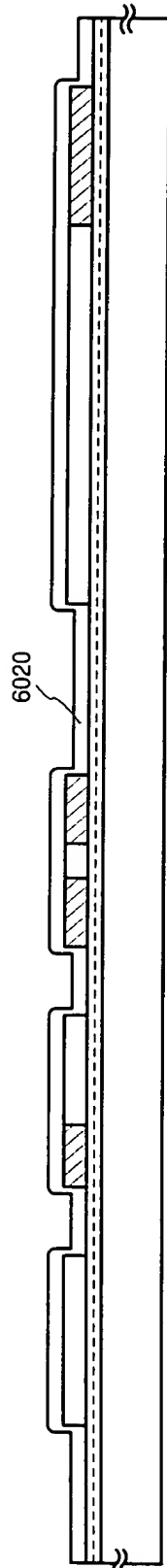


Fig. 9B

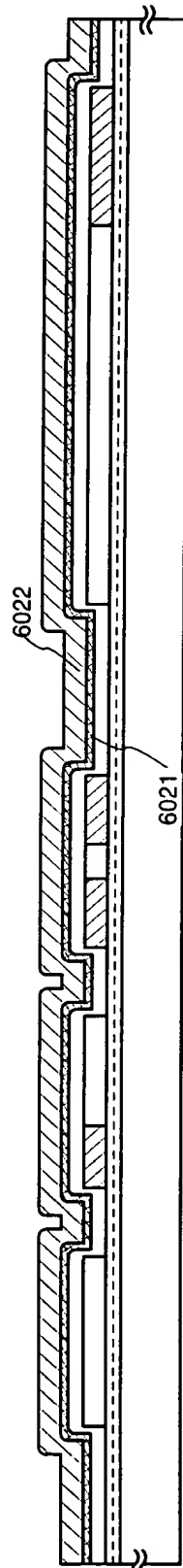


Fig. 9C

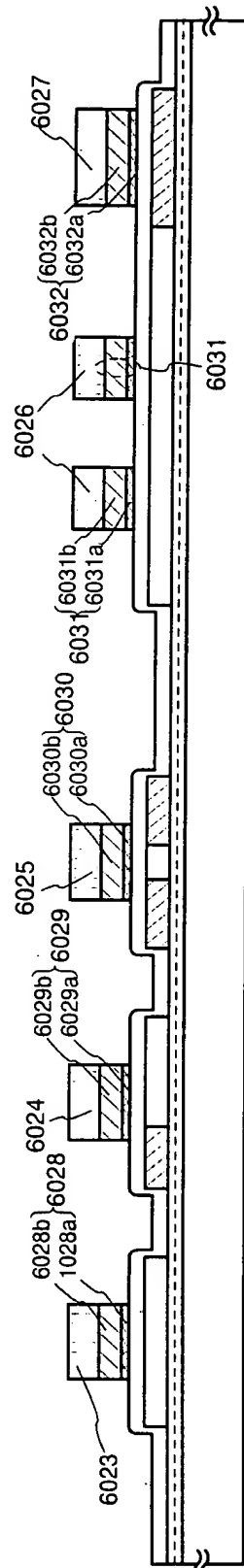


Fig. 9D

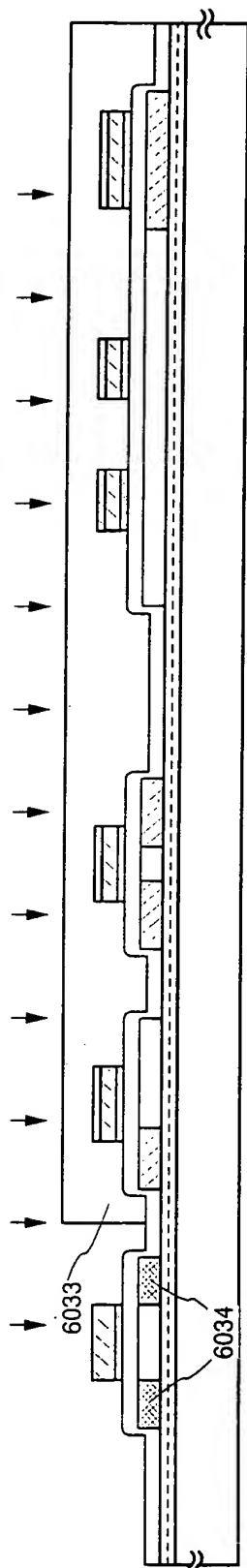


Fig. 10A

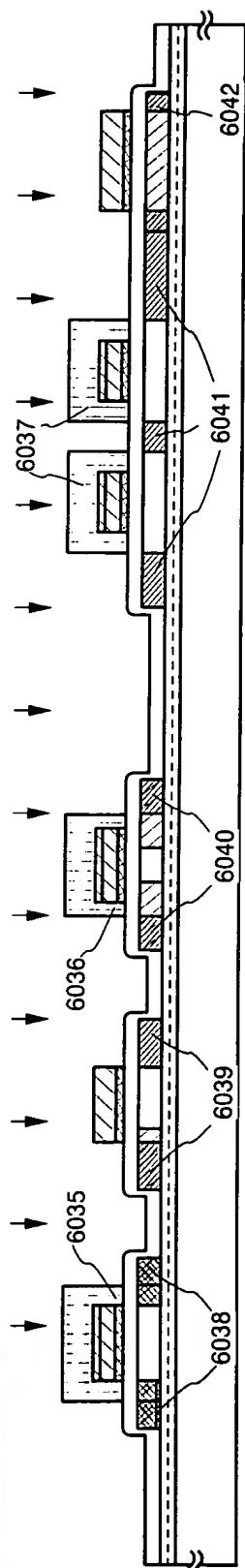


Fig. 10B

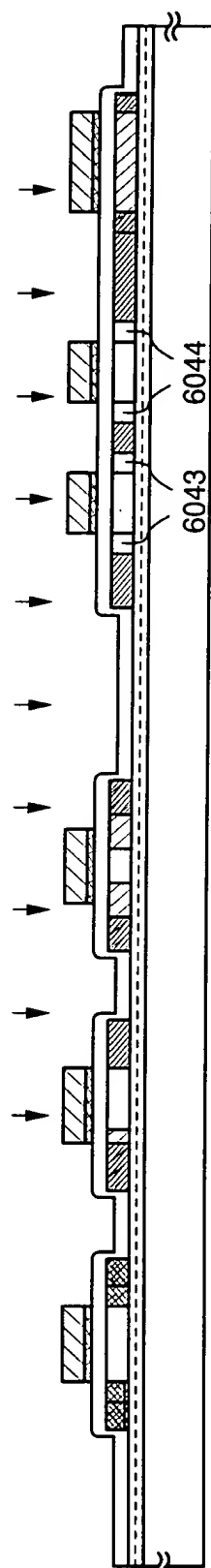


Fig. 10C

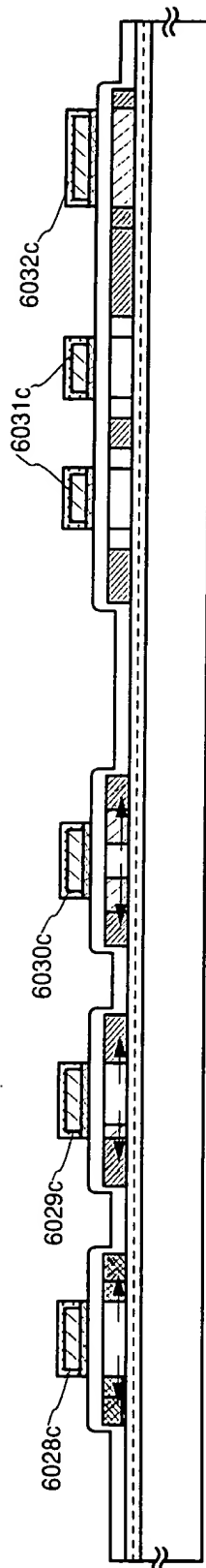


Fig. 10D

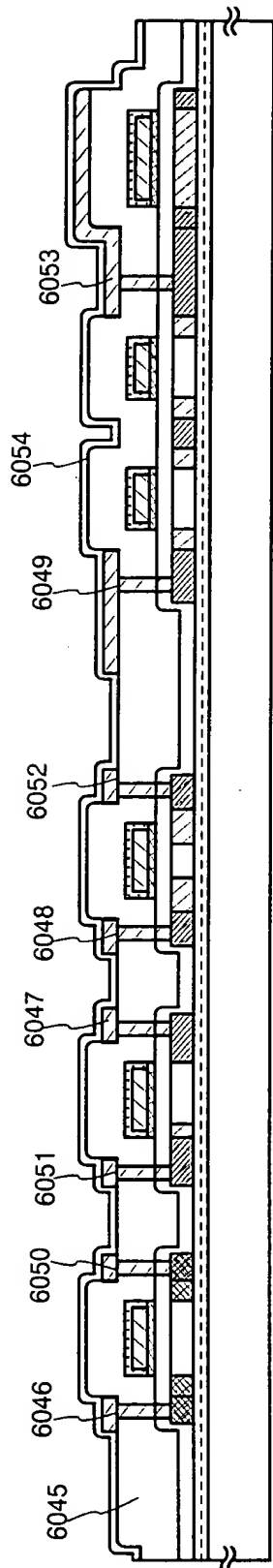


Fig.11A

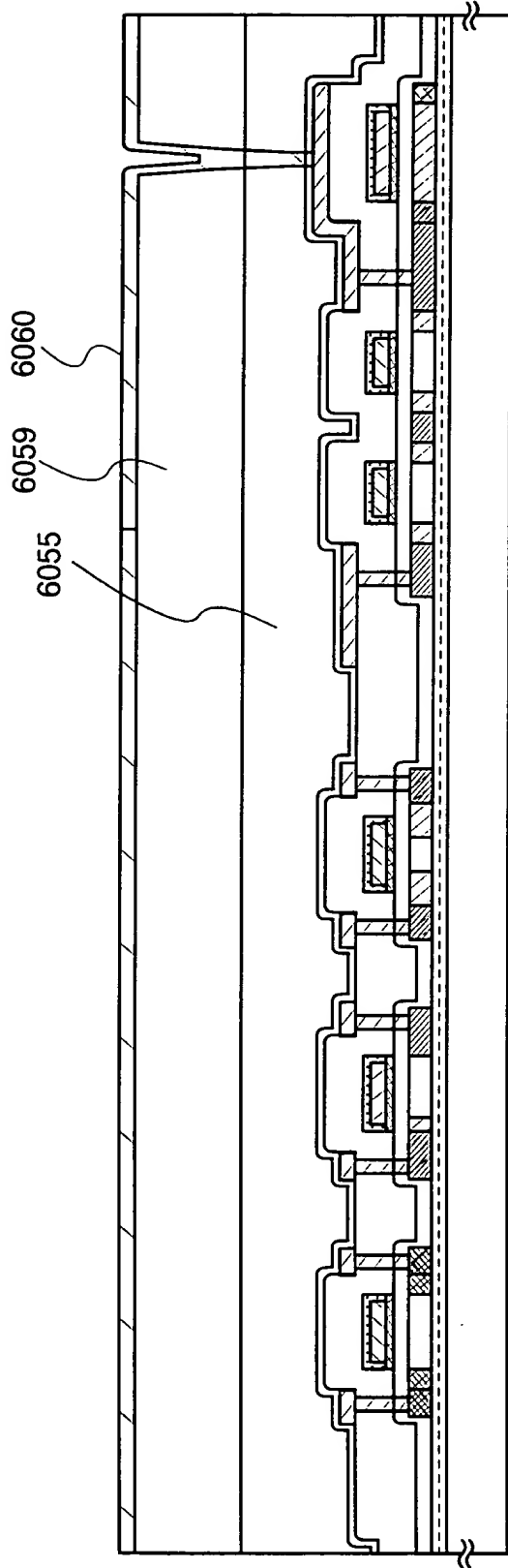


Fig.11B

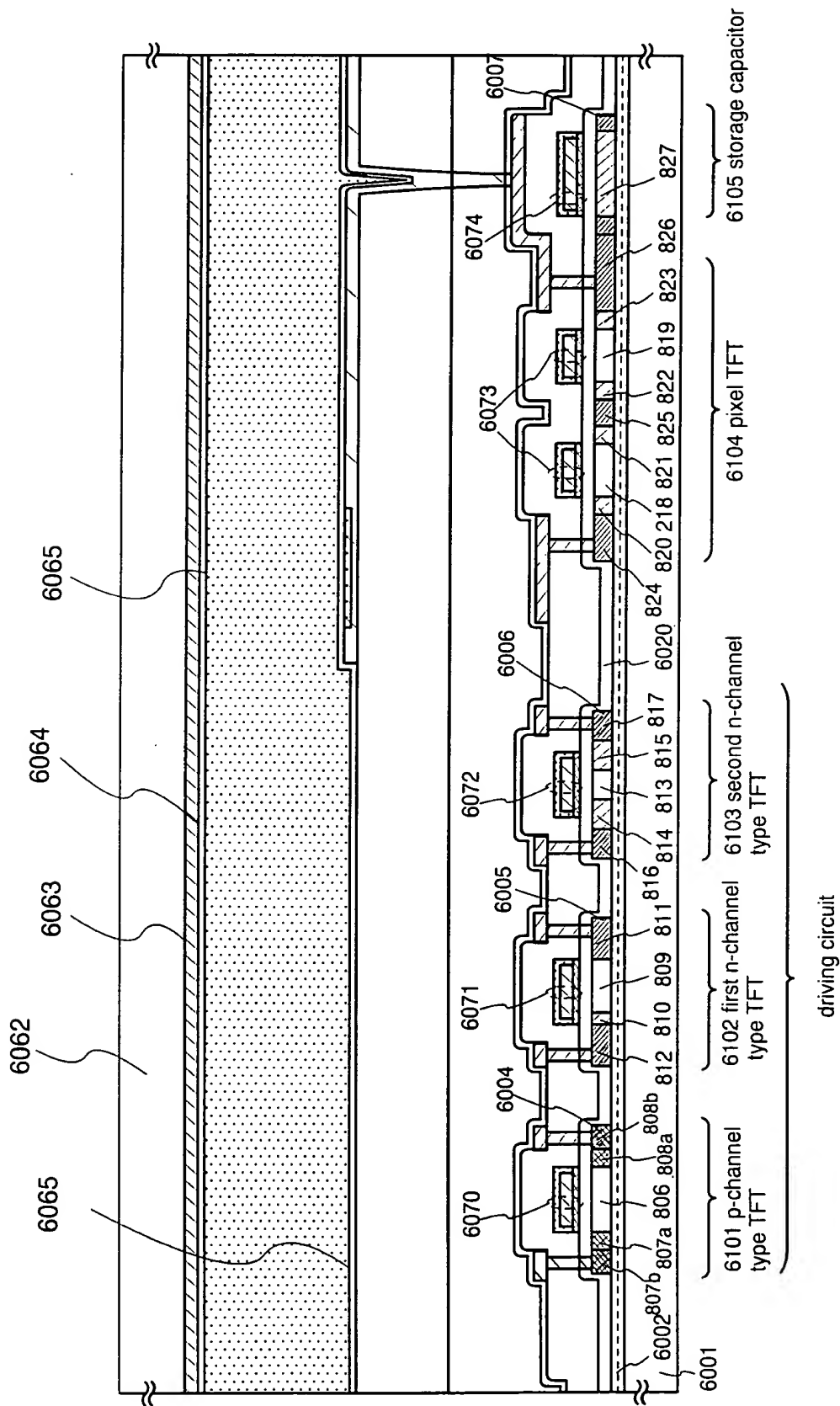
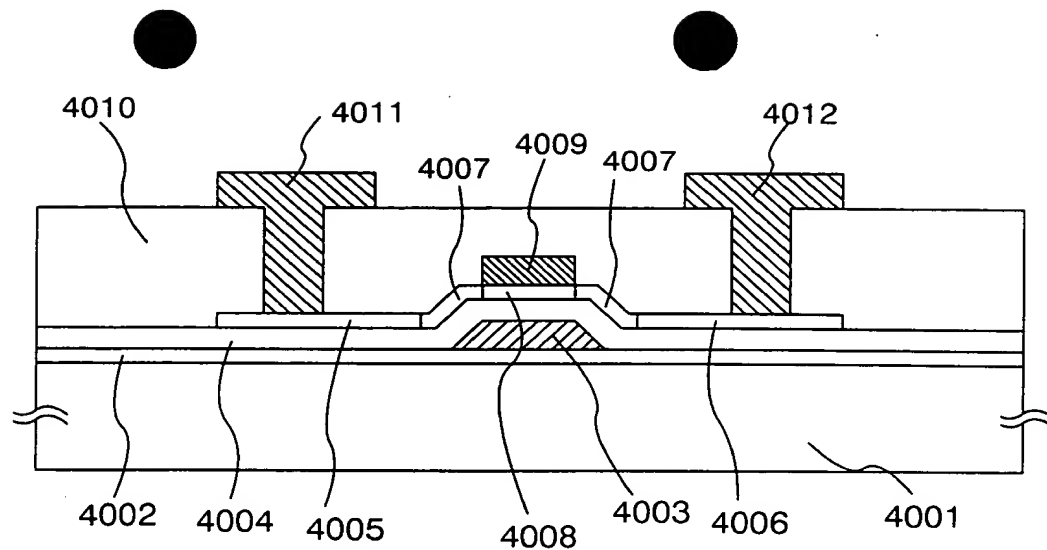


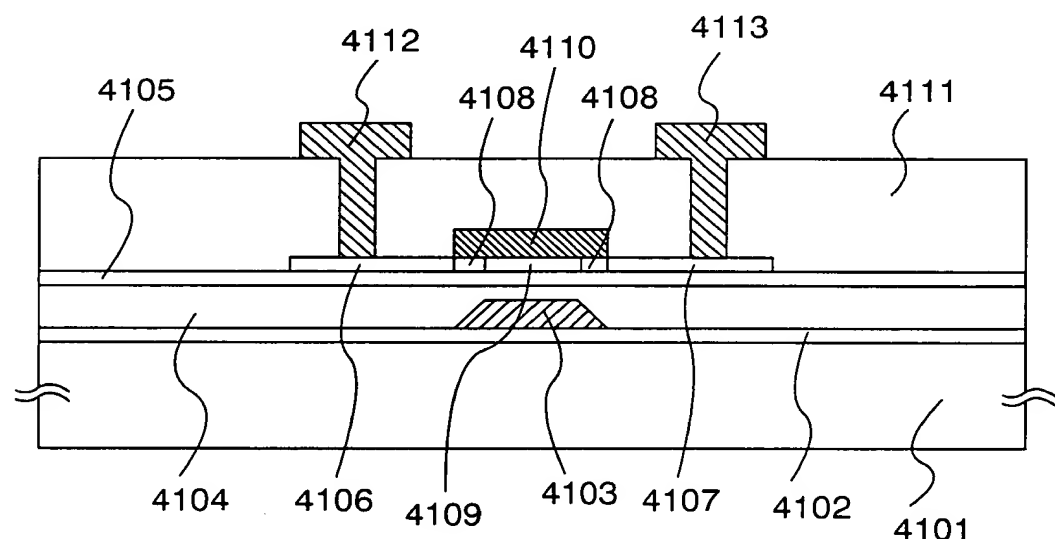
Fig.12

Fig.13A



- |                           |                                                    |
|---------------------------|----------------------------------------------------|
| 4001 substrate            | 4007 low concentration impurity region(LDD region) |
| 4002 silicon oxide film   | 4008 channel forming region                        |
| 4003 gate electrode       | 4009 channel protective film                       |
| 4004 gate insulating film | 4010 interlayer insulating film                    |
| 4005 source region        | 4011 source electrode                              |
| 4006 drain region         | 4012 drain electrode                               |

Fig.13B



- |                           |                                                    |
|---------------------------|----------------------------------------------------|
| 4101 substrate            | 4108 low concentration impurity region(LDD region) |
| 4102 silicon oxide film   | 4109 channel forming region                        |
| 4103 gate electrode       | 4110 channel protecting film                       |
| 4104 bezocyclobutene(BCB) | 4111 interlayer insulating film                    |
| 4105 silicon nitride film | 4112 source electrode                              |
| 4106 source region        | 4113 drain electrode                               |
| 4107 drain region         |                                                    |

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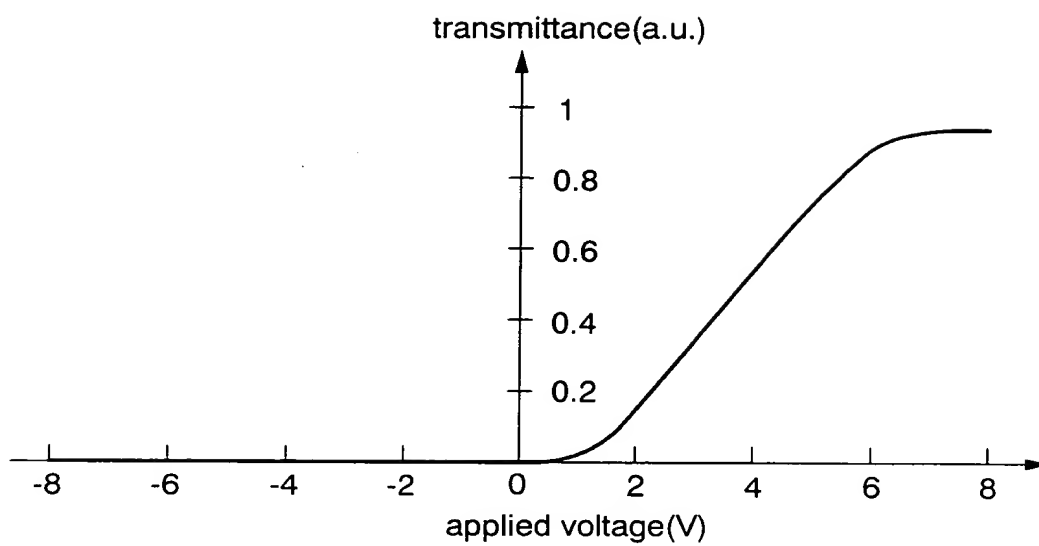


Fig.14



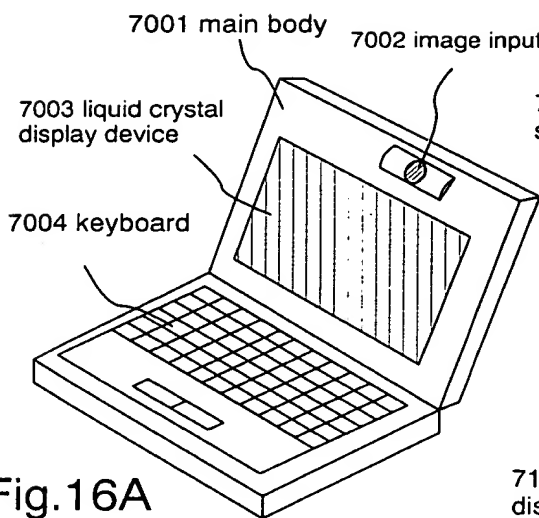


Fig. 16A

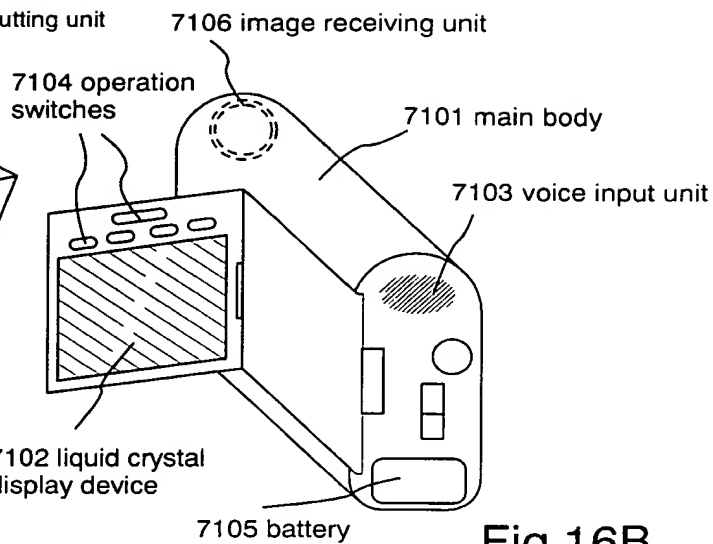


Fig. 16B

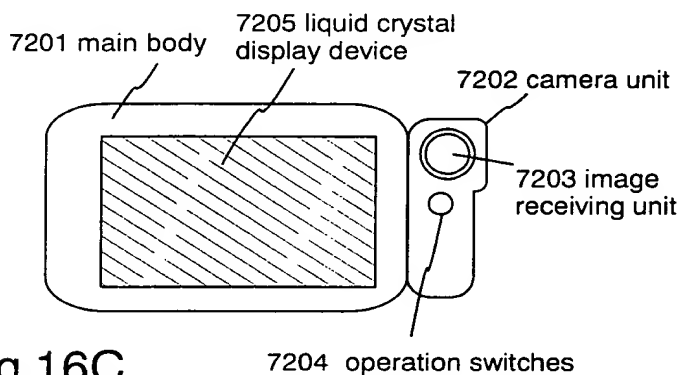


Fig. 16C

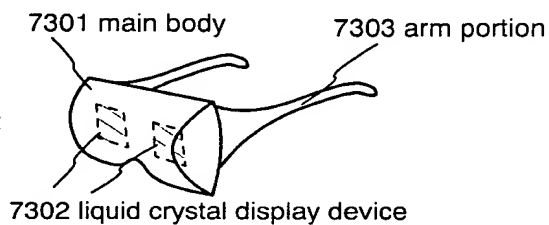


Fig. 16D

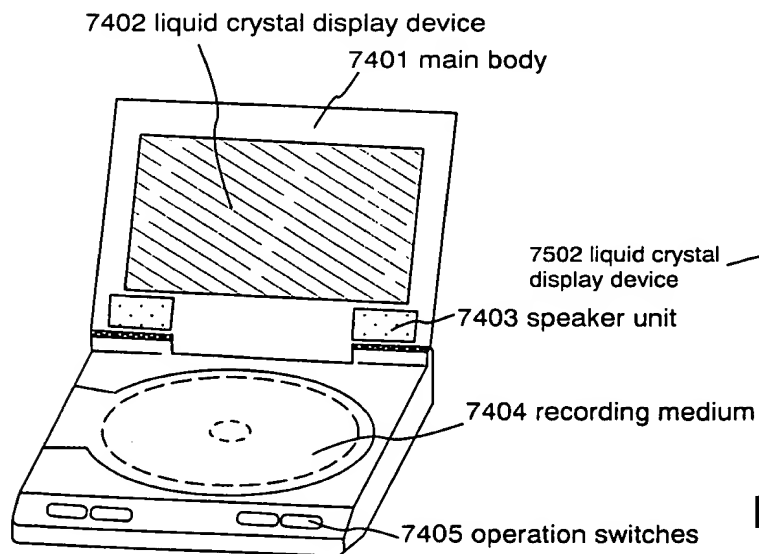


Fig. 16E

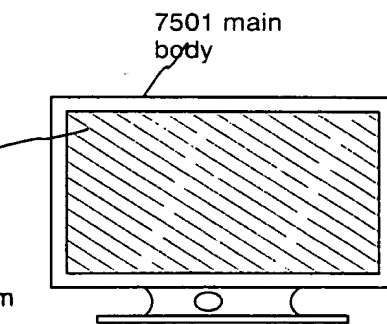


Fig. 16F



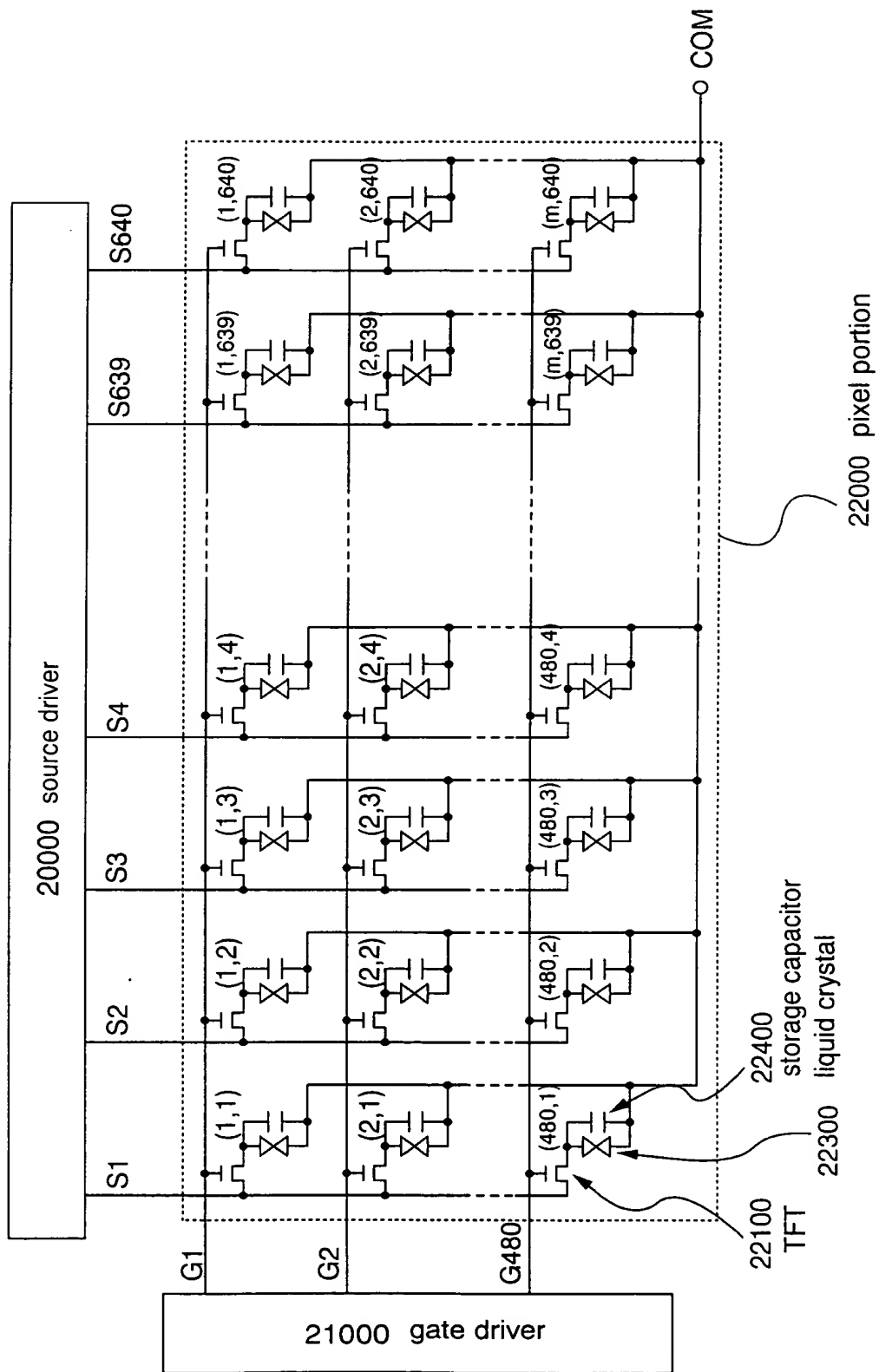


Fig.17

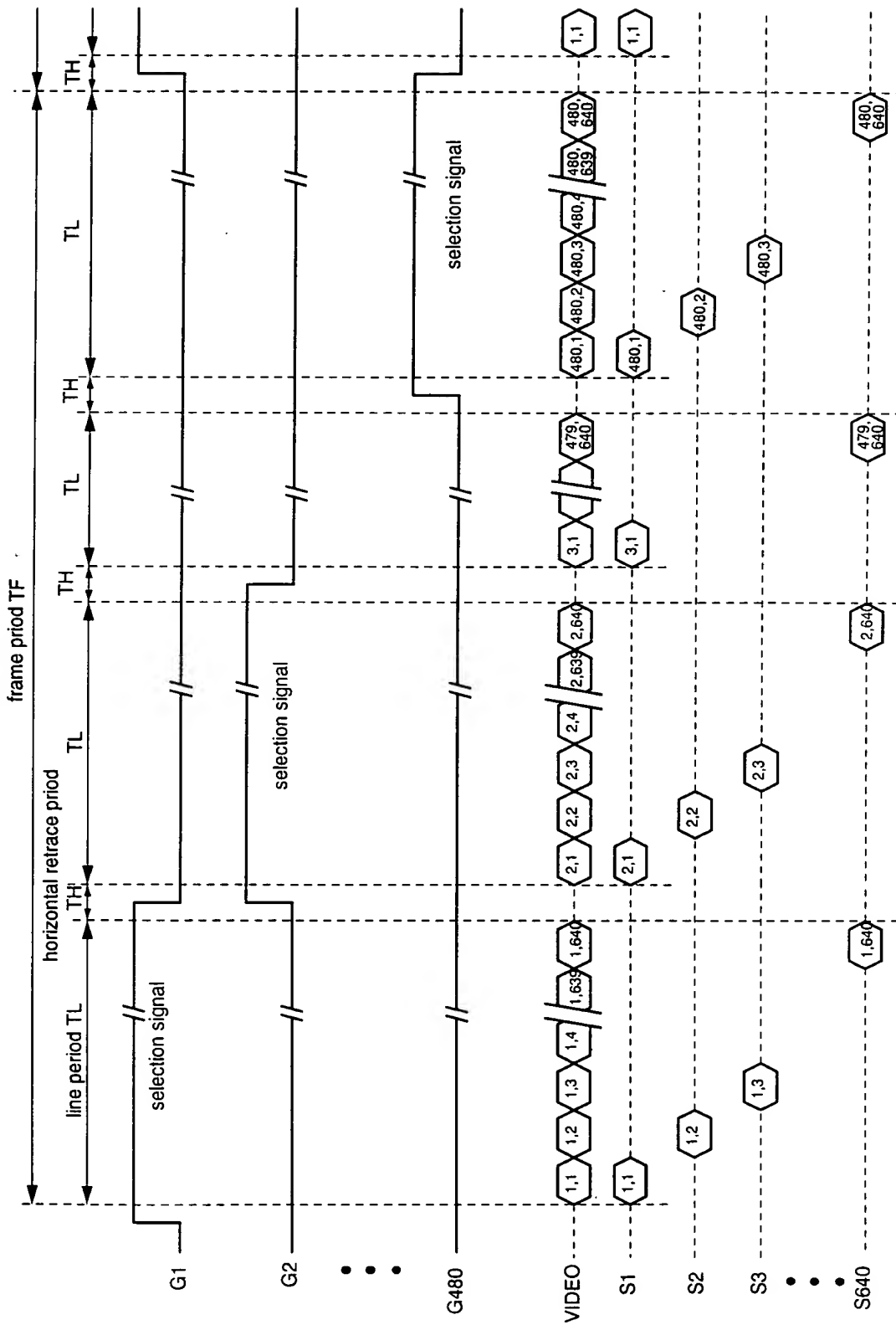


Fig.18

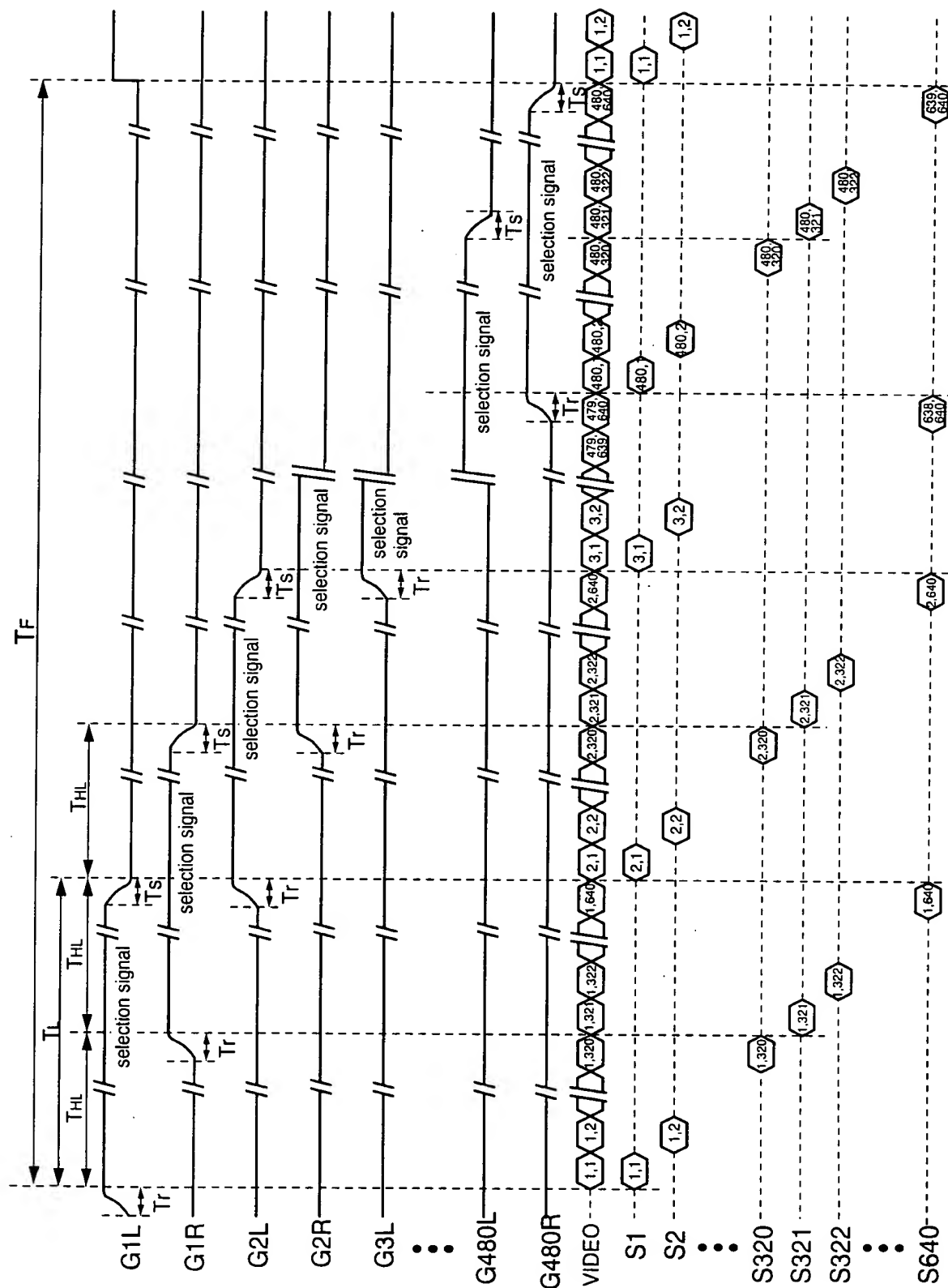


Fig.19